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# Professional Engineering Services (PES) FSC Group 871

Contract Number: GS-23F-0005K

For more information on ordering from Federal Supply Schedules click on the "GSA Schedule" button at www.gsa.gov.

Period Covered by Contract: October 7, 1999 through September 30, 2019

# BAE SYSTEMS

BAE SYSTEMS TECHNOLOGY SOLUTIONS & SERVICES INC. 520 Gaither Road Rockville, MD 20850-6198

Phone: 301-738-5985
Fax: (301) 862-9347 (Please notify of fax transmission)

www.baesystems.com/s2contracts

Pricelist current through Mod PA-0034, signed October 9, 2014

**Business size: Large** 



# **Customer Information**

**1(a). Table of Awarded Special Item Numbers (SINs)**: BAE Systems Technology Solutions & Services Inc. has been awarded the following six SINs under the following PES Disciplines:

			PES Disciplin	ies
SIN	Description	Electrical	Mechanical	Civil
SIN 871-1	Strategic Planning for Technology Programs/Activities	х	х	х
SIN 871-2	Concept Development and Requirements Analysis	х	х	х
SIN 871-3	System Design, Engineering and Integration	х	х	Х
SIN 871-4	Test and Evaluation	Х	Х	Х
SIN 871-5	Integrated Logistics Support	Х	Х	Х
SIN 871-6	Acquisition and Life Cycle Management	х	х	х

1(b). Pricelist: See page 28

1(c). Labor Category Descriptions: See page 9

- **2. Maximum Order:** The maximum order designated for contracts awarded under this Schedule is \$1,000,000. Ordering activities may seek a price reduction for orders placed over this amount.
- **3. Minimum Order:** The minimum order designated for contracts awarded under this solicitation is \$100.
- **4. Geographic Coverage:** The geographic scope of this contract is within the 48 contiguous states, Washington, D.C., Alaska, Hawaii, Puerto Rico and, on a worldwide basis, in any foreign country in which trade is not prohibited by the United States Government.
- 5. Points of Production: USA
- **6. Discounts from Price Lists:** All applicable discounts have been included in the hourly rates provided herein.

A quantity/volume discount of 1% on orders over \$3 million is applicable to each task order awarded on this contract.

- 7. Quantity Discounts: None
- 8. Prompt Payment Terms: Payment terms are Net 30 calendar days.
- 9(a). Government Purchase Cards are accepted for purchases at or below the micropurchase threshold.
- 9(b). Government Purchase Cards are accepted for purchases above the micro-purchase threshold.
- 10. Foreign Items: Not Applicable
- 11. Delivery:
  - 11 (a) Time of Delivery: As negotiated in each task order
  - **11 (b) Expedited Delivery:** Please coordinate with appropriate BAE Systems Task Order Contracts Administrator for expedited deliveries.
  - **11 (c) Overnight and 2-day Delivery:** Please coordinate with appropriate BAE Systems Task Order Contracts Administrator for overnight and 2-day deliveries.

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**11 (d) Urgent Requirements:** Please coordinate with appropriate BAE Systems Task Order Contracts Administrator for urgent requirements.

12. F.O.B. Points: Destination

13 (a). Ordering Address:

BAE Systems Technology Solutions & Services Inc 520 Gaither Road Rockville. MD 20850-6198

- **13 (b). Ordering Procedures:** For supplies and services, the ordering procedures and information on Blanket Purchase Agreements (BPAs) are found in Federal Acquisition Regulation (FAR) 8.405-3.
- 14. Payment Addresses:

# <u>Electronic Payment</u> M&T Bank Inc. 25 South Charles Street Baltimore, MD 21201 Electronic Payment BAE Systems Technology Solutions & Services Inc P.O. Box 64528 Baltimore, MD 21264

15. Warranty Provision: None

16. Export Packing Charges: Not applicable

17. Terms and Conditions of Government Purchase Card Acceptance: None

18. Terms and Conditions of Rental, Maintenance, and Repair: Not Applicable

19. Terms and Conditions of Installation: Not Applicable

20 (a) Terms and Conditions of Repair Parts: Not Applicable

**20 (b) Terms and Conditions for Any Other Services:** Travel – Any travel required by an ordering agency in the performance of PES services under this contract will be reimbursed by the ordering agency. Contractor travel will be in accordance with the Federal Travel Regulations or Joint Travel Regulations, as applicable. Established Federal Government per diem rates will apply to contractor travel, plus applicable burdens allowed and negotiated with the Government customer.

21. Service and Distribution Points: Not Applicable

22. List of Participating Dealers: Not Applicable

23. Preventive Maintenance: Not Applicable

**24 (a) Environmental Attributes:** Not Applicable

**24 (b) Section 508 Compliance:** BAE Systems shall comply with Section 508 standards and requirements as specified in each Statement of Work (SOW) and its associated individual task/delivery order. Each SOW must specifically state the standards that must be met for accessibility relative to the products or services requested. More information regarding Section 508 can be found at the Government's web site www.section508.gov.

**25. Data Universal Number System (DUNS) Number:** 10-393-3453

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**26. Cage Code:** 99789

**27. Central Contractor Registration (CCR) Database:** BAE Systems Technology Solutions & Services Inc. has registered and is current in the CCR database which is now incorporated into Systems for Award Management (SAM).

# 28. Contact Info:

Contracts Manager: Program Manager:

Bruce Heller Scott Tucker
BAE Systems TSS BAE Systems TSS
520 Gaither Road 5895 Core Road

Rockville, MD 20850-6198 North Charleston, SC 29406-6088

Tel.: 301-738-5985 Tel.: 843-614-5950

Ordering Address(s) - All orders under this contract should be placed with the address below:

BAE Systems Technology Solutions & Services Inc 520 Gaither Road Rockville, MD 20850-6198

# Other ordering points of contact appear below:

Authorized Ordering Office	Ordering Point of Contact	Ordering Address
BAE Systems Platforms and Services	Name: John Rudy Telephone: 408- 289-2469 Fax: 408-289-3150	1205 Coleman Avenue Santa Clara, CA 95050-2619

**28. Contractor Website URL:** www.baesystems.com/s2contracts

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# **Primary Engineering Disciplines**

Under this GSA FSS Professional Engineering Services (PES) Schedule, BAE Systems will provide all resources, including personnel, management, supplies, services, materials, equipment, facilities and transportation, necessary to support a wide range of life cycle engineering requirements in the Primary Engineering Disciplines (PEDs) of civil, electrical, and mechanical engineering.

Our engineers are routinely involved in design optimization, system modeling and simulation, and studies to reduce cost, technical, and schedule risks. They also perform various studies and analyses to provide efficient examination of alternatives.

BAE Systems engineers have been involved in strategic planning for high priority technology programs, have performed numerous concept development and requirements analyses, and are well versed in system design, engineering and integration. Our engineers are major contributors in the DOD test and evaluation community, have extensive experience in integrated logistics support, and are experienced in acquisition and life cycle management. This experience is directly applicable to the broad range of life cycle engineering tasks offered under the GSA PES Schedule.

# Civil Engineering

Planning, evaluation and constructed infrastructure of facilities and buildings, transportation systems, water, earthworks, and other structures. It includes, but is not limited to, planning, evaluation, and operations of bridges, dams, airports, highways, transportation systems, large buildings, power generating plants, sewage systems, water resources and supply, waste treatment facilities, soil, rock, etc. It also includes the manufacture, production, furnishing, construction, alteration, repair, processing or assembling of vessels, aircraft, or other kinds of personal property, including heating, ventilation and air-conditioning.

Within the civil engineering discipline, there are several specialties within the scope of this work; a partial listing follows: • Structural • Transportation • Environmental • Geotechnical • Surveying • Water Resources • Other Civil Engineering Specialties

### **Electrical Engineering**

Planning, design, development, evaluation and operation of electrical principles, models and processes. It includes, but is not limited to, the design, fabrication, measurement and operation of electrical devices, equipment and systems (e.g., signal processing; telecommunications; sensors, microwave, and image processing; micro-fabrication; energy systems and control; micro- and nano-electronics; plasma processing; laser and photonics; satellites, missiles and guidance systems, space vehicles, fiber optics, robotics, etc.).

Within the electrical engineering discipline, there are several specialties within the scope of this work; a partial listing follows:

- Aerospace and Electronic Systems Instrumentation & Measurement
- Antennas and Propagation Intelligent Transportation Systems
- · Broadcast Technology · Lasers and Electro-Optics
- · Circuits and Systems · Magnetics
- Communications Microwave Theory & Techniques
- Components Packaging and Neural Networks Council
- Manufacturing Technology
   Nuclear and Plasma Sciences
- Computer Oceanic Engineering
- Consumer Electronics
   Power Electronics
- · Control Systems · Power Engineering
- Dielectrics and Electrical Insulation Professional Communication
- Education Reliability
- Electromagnetic Compatibility Robotics and Automation
- Engineering in Medicine and Biology Signal Processing on Social

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- Engineering Management Implications of Technology
- Geoscience and Remote Sensing Solid State Circuits
- Industrial Electronics
   Systems, Man, & Cybernetics
- Industry Applications Ultrasonics, Ferroelectrics, and Frequency Control
- Information Theory Vehicular Technology
- Other Electrical Engineering Specialties not listed

#### Mechanical Engineering

Planning, development, evaluation and control of systems and components involving the production and transfer of energy and with the conversion of one form of energy to another. It includes, but is not limited to, planning and evaluation of power plants, analysis of the economical combustion of fuels, conversion of heat energy into mechanical energy, use of mechanical energy to perform useful work, analysis of structures and motion in mechanical systems, and conversion of raw materials into a final product, etc. (e.g., thermodynamics, mechanics, fluid mechanics, jets, rocket engines, internal combustion engines, steam and gas turbines, continuum mechanics, dynamic systems, dynamics fluid mechanics, heat transfer, manufacturing, materials, solid mechanics, reactors, etc.).

Within the mechanical engineering discipline, there are several specialties within the scope of this work; a partial listing follows: • ASME Heat Transfer/K16 • Microchannel Flow and Heat Transfer • Advanced Energy Systems • Noise Control and Acoustics • Aerospace Engineering • Non-Destructive Evaluation Engineering • Applied Mechanics • Nuclear Engineering • Bioengineering • Ocean Engineering • Design Engineering • Offshore Mechanics and Arctic Engineering • Dynamic Systems and Control • Petroleum • Electrical and Electronic Packaging • Power • Environmental Engineering • Pressure Vessels & Piping • Fluids Engineering • Process Industries • Fluids Power Systems and Technology Systems • Rail Transportation • Fuels and Combustion Technologies • Safety Engineering and Risk Analysis • Heat Transfer • Solar Energy • Information Storage and Processing Systems • Solid Waste Processing • Internal Combustion Engine • Technology & Society • International Gas Turbine • Textile Engineering • Management • Tribology • Manufacturing Engineering • Other Chemical Engineering Specialties • Materials • Materials Handling

# **Scope of Services**

The scope of professional engineering services available from BAE Systems, under this schedule, is listed below. The Special Item Numbers (SINs) are in a phased format. The phases represent the cycle of an engineering requirement. Descriptions of the typical services and associated tasks related to each phase are identified under each SIN.

# SIN 871-1 Strategic Planning for Technology Programs/Activities

Services required under this SIN involve the definition and interpretation of high level organizational engineering performance requirements such as projects, systems, missions, etc., and the objectives and approaches to their achievement. Typical associated tasks include, but are not limited to an analysis of mission, program goals and objectives, program evaluations, analysis of program effectiveness, requirements analysis, organizational performance assessment, special studies and analysis, training, and consulting.

Example: The evaluation and preliminary definition of new and/or improved performance goals for navigation satellites such as launch procedures and costs, multi-user capability, useful service life, accuracy and resistance to natural and man-made electronic interference.

PES does not include architect-engineer services as defined in the Brooks Act and FAR Part 2. PES does not include design or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

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# SIN 871-2 Concept Development and Requirements Analysis

Services required under this SIN involve abstract or concept studies and analysis, requirements definition, preliminary planning, the evaluation of alternative technical approaches and associated costs for the development of enhancement of high level general performance specifications of a system, project, mission or activity. Typical associated tasks include, but are not limited to requirements analysis, cost/cost performance trade-off analysis, feasibility analysis, developing and completing fire safety evaluation worksheets as they relate to professional engineering services, regulatory compliance support, technology/system conceptual designs, training, and consulting.

Example: The development and analysis of the total mission profile and life cycle of the improved satellite including examination of performance and cost tradeoffs.

PES does not include architect-engineer services as defined in the Brooks Act and FAR Part 2. PES does not include design or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

### SIN 871-3 System Design, Engineering and Integration

Services required under this SIN involve the translation of a system (or subsystem, program, project, activity) concept into a preliminary and detailed design (engineering plans and specifications), performing risk identification/analysis, mitigation, traceability, and then integrating the various components to produce a working prototype or model of the system. Typical associated tasks include, but are not limited to computer-aided design, e.g. CADD, design studies and analysis, design review services, shop drawing review services, submittal review services, conducting fire protection facility surveys, developing risk reduction strategies and recommendations to mitigate identified risk conditions, fire modeling, performance-based design reviews, high level detailed specification and scope preparation, configuration, management and document control, fabrication, assembly and simulation, modeling, training, and consulting.

Example: The navigation satellite concept produced in the preceding stage will be converted to a detailed engineering design package, performance will be computer simulated and a working model will be built for testing and design verification.

PES does not include architect-engineer services as defined in the Brooks Act and FAR Part 2. PES does not include design or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

# SIN 871-4 Test and Evaluation

Services required under this SIN involve the application of various techniques demonstrating that a system (subsystem, program, project or activity) performs in accordance with the objectives outlined in the original design. Typical associated tasks include, but are not limited to testing of a prototype, and first article(s) testing, environmental testing, performing inspections and witnessing acceptance testing of fire protection and life safety systems as they relate to professional engineering services, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept), system, quality assurance, physical testing of the product system, training, and consulting.

Example: The navigation satellite-working model will be subjected to a series of tests, which may simulate and ultimately duplicate its operational environment.

PES does not include architect-engineer services as defined in the Brooks Act and FAR Part 2. PES does not include design or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

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# SIN 871-5 Integrated Logistics Support

Services required under this SIN involves the analysis, planning and detailed design of all engineering specific logistics support including material goods, personnel, and operational maintenance and repair of systems throughout their lifecycles, excluding those systems associated with real property. Typical associated tasks include, but are not limited to ergonomic/human performance analysis, feasibility analysis, logistics planning, requirements determination, policy standards/procedures development, conducting research studies, long-term reliability and maintainability, training, and consulting.

Example: The full range of life cycle logistics support for the navigation satellite will be identified and designed in this stage including training, operation and maintenance requirements, and replacement procedures.

PES does not include architect-engineer services as defined in the Brooks Act and FAR Part 2. PES does not include design or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

# SIN 871-6 Acquisition and Life Cycle Management

Services required under this SIN involve all of the planning, budgetary, contract and systems/program management functions required to procure and or/produce, render operational and provide life cycle support (maintenance, repair, supplies, engineering specific logistics) to (technology based) systems, activities, subsystems, projects, etc. Typical associated tasks include, but are not limited to operation and maintenance, evaluation of inspection, testing, and maintenance program for fire protection and life safety systems, program/project management, technology transfer/insertion, training and consulting.

Example: During this stage, the actual manufacturing, launch, and performance monitoring of the navigation satellite will be assisted through project management, configuration management, reliability analysis, engineering retrofit improvements and similar functions.

PES does not include architect-engineer services as defined in the Brooks Act and FAR Part 2. PES does not include design or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

### Sourcing or Privatization of Professional Engineering Services

In addition to the SINs described above, BAE Systems may be issued task orders for outsourcing or privatization of a single task or any portion of an agency's operations within the scope of this GSA FSS Schedule. Under this type of task order, BAE Systems can provide a wide range of functions, including administrative, management and technical. BAE Systems would be responsible for overall operations, including development of a management structure to properly provide planning, management, direction and supervision of the work activities involved and the personnel performing these activities. Outsourcing and privatization support includes the management of any facilities or equipment provided by the Government.

PES does not include architect-engineer services as defined in the Brooks Act and FAR Part 2. PES does not include design or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

# Summary

BAE Systems' technical expertise, proven methodologies, techniques, and large base of resources are available on a worldwide basis to provide professional engineering services to authorized users of this GSA FSS PES Schedule. All of our engineers have gained extensive hands-on experience in these engineering disciplines through support of major federal programs.

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# **Labor Category Descriptions**

#### 1. Administrative

<u>Experience</u>: Must have 4 years of experience working in an automated office environment.

<u>Duties:</u> Performs moderately complex diverse office or clerical duties following established policies and procedures. Produces, maintains and updates documents, reports and correspondence using word processing systems or computer word processing software

<u>Certification/Degree:</u> High School Diploma or equivalent & 4 years related experience.

# 2. Sr. Documentation Specialist

<u>Experience</u>: Must have 9 to 11 years of experience in preparing technical data packages and other technical documentation.

<u>Duties:</u> Gathers, analyzes, and composes technical information. Translates technical information into clear readable documents to be used by technical and non-technical personnel.

<u>Certification/Degree:</u> Associates Degree & 9 years related experience or High School Diploma or equivalent & 11 years related experience.

### 3. Documentation Specialist

<u>Experience:</u> Must have 7 to 9 years of experience in technical writing and preparing technical documentation.

<u>Duties:</u> Gathers, analyzes, and composes technical information. Translates technical information into clear readable documents to be used by technical and non-technical personnel.

<u>Certification/Degree:</u> Associates Degree & 7 years related experience or High School Diploma or equivalent & 9 years related experience.

### 4. Illustrator

<u>Experience</u>: Must have 3 to 5 years of experience in illustration and presentation support. <u>Duties</u>: Uses computer graphic tools or hand rendering techniques to draw, design or lay out complex camera-ready art for visual presentations.

<u>Certification/Degree:</u> Associates Degree & 3 years related experience or High School Diploma or equivalent & 5 years related experience.

### 5. Sr. Engineering & Technical Analyst

<u>Experience</u>: Must have 11 to 13 years of experience in general engineering technologies applicable to systems acquisition and life cycle management and support.

<u>Duties:</u> Applies knowledge of and experience with complex technological concepts in civil electronic, electrical, mechanical, aeronautical, and related technological and engineering disciplines to prepare and accept specifications, design and production documentation, test plans and procedures.

<u>Certification/Degree:</u> Associates Degree & 11 years related experience or High School Diploma or equivalent & 13 years related experience.

### 6. Engineering & Technical Analyst

<u>Experience</u>: Must have 9 to 11 years of experience in general engineering technologies applicable to systems acquisition and life cycle management and support.

<u>Duties:</u> Applies knowledge of and experience with moderately complex technological concepts in civil, electronic, electrical, mechanical, aeronautical, and related

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technological and engineering disciplines to prepare and accept specifications, design and production documentation, test plans and procedures.

<u>Certification/Degree:</u> Associates Degree & 9 years related experience or High School Diploma or equivalent & 11 years related experience.

# 7. Jr. Engineering & Technical Analyst

<u>Experience</u>: Must have 7 to 9 years of experience in general engineering technologies applicable to systems engineering and life cycle management.

<u>Duties:</u> Applies knowledge of and experience with moderately complex technological concepts in civil, electrical, mechanical, aeronautical, and related technological and engineering disciplines to prepare and accept specifications, design and production documentation, test plans and procedures.

<u>Certification/Degree:</u> Associates Degree & 7 years related experience or High School Diploma or equivalent & 9 years related experience.

#### 8. Sr. Drafter

Experience: Must have 3 to 5 years of experience in general drafting functions.

<u>Duties:</u> Prepares complex drawings using computer drafting equipment or standard hand drafting techniques to communicate engineering ideas and information in support of engineering functions.

<u>Certification/Degree:</u> Associates Degree & 3 years related experience or Vocational Training & 4 years related experience or High School Diploma or equivalent & 5 years related experience.

#### 9. Drafter

<u>Experience</u>: Must have 1 to 3 years of experience in general drafting functions.

<u>Duties:</u> Prepares moderately complex drawings using computer drafting equipment or standard hand drafting techniques to communicate engineering ideas and information in support of engineering functions.

<u>Certification/Degree:</u> Associates Degree & 1 year related experience or Vocational Training & 2 years related experience or High School Diploma or equivalent & 3 years related experience.

### 10. Sr. Programmer/Programmer Analyst

Experience: Must have 6 to 12 years of experience in general systems applications.

<u>Duties:</u> Translates operational requirements for highly complex systems involving hardware and software to design effective and efficient software requirements. Conducts special studies and investigations for development of new information systems to meet current and projected needs.

<u>Certification/Degree:</u> Masters Degree & 6 years related experience or Bachelors Degree & 8 year(s) related experience or Associates Degree & 10 years related experience or High School Diploma or equivalent & 12 years related experience.

# 11. Programmer/Programmer Analyst

Experience: Must have 2 to 8 years of experience in general systems applications.

Translates operational requirements for moderately complex systems involving hardware <a href="Duties:">Duties:</a> and software to design effective and efficient software requirements. Plans and prepares technical reports, memoranda and instructional manuals relative to the establishment and functioning of complete operational systems.

<u>Certification/Degree:</u> Masters Degree & 2 years related experience or Bachelors Degree & 4 years related experience or Associates Degree & 6 years related experience or High School Diploma or equivalent & 8 years related experience.

# 12. Field Engineer

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Experience: Must have 10 to 12 years of experience in general engineering principles.

<u>Duties:</u> Applies broad and diversified knowledge of principles and techniques in civil, electronic, mechanical and related engineering fields to provide on-site technical and operational support in the design, development, installation, test and maintenance of equipment and systems.

<u>Certification/Degree:</u> Associates Degree & 10 years related experience or High School Diploma or equivalent & 12 years related experience.

# 13. Junior Field Engineer

Experience: Must have 8 to 10 years of experience in general engineering principles.

<u>Duties:</u> Applies broad and diversified knowledge of principles and techniques in electronic, mechanical and related engineering fields to provide on-site technical and operational support in the design, development, installation, test and maintenance of equipment and systems.

<u>Certification/Degree:</u> Associates Degree & 8 years related experience or High School Diploma or equivalent & 10 years related experience.

# 14. Principal Systems Analyst

Experience: Must have 6 to 12 years of experience in general systems applications.

<u>Duties:</u> Applies knowledge of and experience with technological, programmatic, program management or business fields to support the analysis of highly complex systems engineering, systems technology, support systems, program management, management or other related programs.

<u>Certification/Degree:</u> Masters Degree & 6 years related experience or Bachelors Degree & 8 years related experience or Associates Degree & 10 years related experience or High School Diploma or equivalent & 12 years related experience.

# 15. Senior Systems Analyst

Experience: Must have 4 to 10 years of experience in general systems analysis.

<u>Duties:</u> Applies knowledge of and experience with technological, programmatic, program management or business fields to support the analysis of complex systems engineering, systems technology, support systems, program management, management or other related programs.

<u>Certification/Degree:</u> Masters Degree & 4 years related experience or Bachelors Degree & 6 years related experience or Associates Degree & 8 years related experience or High School Diploma or equivalent & 10 years related experience.

<u>Certification/Degree:</u> Bachelors Degree & 0 years related experience or Associates Degree & 2 years related experience or High School Diploma or equivalent & 4 years related experience.

# 16. Information Specialist

<u>Experience</u>: Must have 3 to 5 years of experience in general information systems applications.

<u>Duties:</u> Assists in the development and maintenance of management information systems.

Certification/Degree: Associates Degree & 3 years related experience.

# 17. Senior Logistics Engineering & Technical Specialist

Experience: Must have 4 to 10 years of experience in general logistics support.

<u>Duties:</u> Directs and coordinates integrated logistics support activities designed to provide effective and efficient life cycle support to equipment and systems. Designs integrated logistics support plans, logistics element plans and maintenance plans.

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<u>Certification/Degree:</u> Masters Degree & 4 years related experience or Bachelors Degree & 6 years related experience or Associates Degree & 8 years related experience or High School Diploma or equivalent & 10 years related experience.

# 18. Logistics Engineering & Technical Specialist

Experience: Must have 2 to 8 years of experience in general logistics support.

<u>Duties:</u> Directs and coordinates integrated logistics support activities designed to provide effective and efficient life cycle support to equipment and systems. Formulates customer program requirements from consideration of equipment design and other data and recommends appropriate program activities from conceptual stage throughout life cycle of product.

<u>Certification/Degree:</u> Masters Degree & 2 years related experience or Bachelors Degree & 4 years related experience or Associates Degree & 6 years related experience or High School Diploma or equivalent & 8 years related experience.

### 19. Junior Logistics Engineering & Technical Specialist

Experience: Must have 0 to 4 years of experience in general logistics support.

<u>Duties:</u> Analyzes and coordinates integrated logistics support activities designed to provide effective and efficient life cycle support to equipment or systems. Prepares handbooks, bulletins, and information systems to provide logistics support. Compiles data on standardization and interchangeability of parts to expedite logistics activities. Maintains logistics records of operation or project.

<u>Certification/Degree:</u> Bachelors Degree & 0 years related experience or Associates Degree & 2 years related experience or High School Diploma or equivalent & 4 years related experience.

# 20. Material Management Engineer & Technical Specialist

Experience: Must have 2 to 6 years of experience in general acquisition support.

<u>Duties:</u> Applies principles, techniques and policies of acquisition management to the development, installation, deployment and operation of new and existing systems. Identifies and monitors expenditures, provides projections, and prepares interim status

and completion project reports.

<u>Certification/Degree:</u> Bachelors Degree & 2 years related experience or Associates

Degree & 4 years related experience or High School Diploma or equivalent & 6 years

related experience.

# 21. Senior Operations Research Specialist

<u>Experience</u>: Must have 6 to 10 years of experience in the application of the analytical techniques and methodology of operations research/systems analysis (ORSA) supported by appropriate research tools (mathematical, statistical/economic).

<u>Duties:</u> Performs qualitative and quantitative analysis of complex strategic, operational, and management problems. Uses ORSA tools and techniques (statistical and decision theory, mathematical programming, probabilistic models) during conduct of studies and investigations of concepts, designs, and new technologies.

<u>Certification/Degree:</u> Doctorates Degree & 6 years related experience or Masters Degree & 8 years related experience or Bachelors Degree & 10 years related experience.

# 22. Operations Research Specialist

<u>Experience:</u> Must have 6 to 8 years of experience in the application of the analytical techniques and methodology of operations research/systems analysis (ORSA) supported by appropriate research tools (mathematical, statistical/economic).

<u>Duties:</u> Performs qualitative and quantitative analysis of complex strategic, operational, and management problems. Uses ORSA tools and techniques (statistical and decision

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theory, mathematical programming, probabilistic models) during conduct of studies and investigations of concepts, designs, and new technologies.

<u>Certification/Degree:</u> Masters Degree & 6 years related experience or Bachelors Degree & 8 years related experience.

# 23. Senior Program Analyst

<u>Experience</u>: Must have 8 to 10 years of experience in general program analysis and Integrated Logistics Support (ILS) management.

<u>Duties:</u> Responsible for planning, organizing and supervising a staff involved in ILS activities. Directs the preparation of ILS element planning documents and interfaces with various support activities to ensure all logistics requirements are met.

<u>Certification/Degree:</u> Bachelors Degree & 8 years related experience or Associates Degree & 10 years related experience.

# 24. Program Analyst

<u>Experience</u>: Must have 6 to 10 years of experience in general program analysis and management.

<u>Duties:</u> Develops and implements efficient methodologies to monitor the progress and compliance of one or more activities in meeting established program and/or contract milestones and deliverables.

<u>Certification/Degree:</u> Bachelors Degree & 6 years related experience or Associates Degree & 8 years related experience.

# 25. Project Manager

Experience: Must have 6 to 10 years of experience in general project management. <a href="Duties: Directs">Duties: Directs</a>, coordinates and exercises supervisory authority for planning, organizing, controlling, integrating and completing engineering or technically related projects. Develops and establishes procedures and guidelines for daily operation of assigned program. Executes and implements program directives and develops systems and controls to carry out program tasks. Determines work schedules, sets priorities and implements procedures for performing work activities. Directs and monitors work results for meeting customer requirements, specifications and quality assurance standards. Evaluates performance of assigned program tasks in terms of quality, cost control and program schedules.

<u>Certification/Degree:</u> Bachelors Degree & 6 years related experience or Associates Degree & 8 years related experience.

# 26. Program Manager

Experience: Must have 8 to 12 years of experience in general program management. <a href="Duties: Directs">Duties: Directs</a>, coordinates, and exercises supervisory authority for planning, organizing, controlling, integrating and completing engineering or technically related programs. Develops and establishes procedures and guidelines for daily operation of assigned program. Executes and implements program directives and develops systems and controls to carry out program tasks. Determines work schedules, sets priorities and implements procedures for performing work activities. Directs and monitors work results for meeting customer requirements, specifications and quality assurance standards. Evaluates performance of assigned program tasks in terms of quality, cost control and program schedules.

<u>Certification/Degree:</u> Bachelors Degree & 8 years related experience or Associates Degree & 10 years related experience.

#### 27. Senior Consultant

Experience: Must have 8 to 20 years of experience. Possesses a high level of specialized expertise in a particular engineering discipline, sub-discipline, and/or technology involving

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definition and interpretation of engineering performance requirements. Experienced in decision making and managing multiple programs/projects simultaneously. May have authored and published articles or books in field of expertise.

<u>Duties:</u> Uses a wide application of principles, theories, concepts, and techniques to develop innovative solutions to problems. Leads concept development, system design, and simulation and modeling functions to support life cycle engineering activities. Applies expert knowledge to gather facts, research and analyze the data, and develop conclusions and recommendations.

<u>Certification/Degree</u>: Doctorates Degree & 8 years related experience or Masters Degree & 15 years related experience or Bachelors Degree & 25 years related experience.

### 28. Consultant Prices

Experience: Must have 10 to 15 years of experience. Possesses specialized expertise in a particular engineering discipline, sub-discipline, and/or technology involving definition and interpretation of engineering performance requirements. Experienced in decision making and managing multiple programs/projects simultaneously. May have authored and published articles or books in field of expertise.

<u>Duties:</u> Uses a wide application of principles, theories, concepts, and techniques to develop innovative solutions to problems. Leads concept development, system design, and simulation and modeling functions to support life cycle engineering activities. Applies expert knowledge to gather facts, research and analyze the data, and develop conclusions and recommendations.

<u>Certification/Degree:</u> Masters Degree & 10 years related experience or Bachelors Degree & 20 years related experience.

# 29. Subject Matter Expert (Level III)

<u>Experience:</u> Must have 8 to 14 years of experience. Expert in one of the following areas: strategic planning, systems design, systems acquisition, operations research, performance specifications, life cycle management, or test and evaluation. May have authored and published articles or books in field of expertise.

<u>Duties:</u> Uses a wide application of principles, theories, concepts, and techniques to develop innovative solutions to problems. Provides expert advice, assistance, or guidance in support of technical programs and projects. Applies expert knowledge to gather facts, research and analyze the data, and develop conclusions and recommendations.

<u>Certification/Degree:</u> Masters Degree & 8 years related experience or Bachelors Degree & 10 years related experience or Associates Degree & 12 years related experience or High School Diploma or equivalent & 14 years related experience.

### 30. Subject Matter Expert (Level II)

<u>Experience:</u> Must have 8 to 12 years of experience. Expert in one of the following areas: strategic planning, systems design, systems acquisition, operations research, performance specifications, life cycle management, or test and evaluation. May have authored and published articles or books in field of expertise.

<u>Duties:</u> Uses a wide application of principles, theories, concepts, and techniques to develop innovative solutions to problems. Provides expert advice, assistance, or guidance in support of technical programs and projects. Applies expert knowledge to gather facts, research and analyze the data, and develop conclusions and recommendations.

<u>Certification/Degree:</u> Bachelors Degree & 8 years related experience or Associates Degree & 10 years related experience or High School Diploma or equivalent & 12 years related experience.

# 31. Subject Matter Expert (Level I)

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<u>Experience:</u> Must have 6 to 10 years of experience. Expert in one of the following areas: strategic planning, systems design, systems acquisition, operations research, performance specifications, life cycle management, or test and evaluation. May have authored and published articles or books in field of expertise.

<u>Duties:</u> Uses a wide application of principles, theories, concepts, and techniques to develop innovative solutions to problems. Provides expert advice, assistance, or guidance in support of technical programs and projects. Applies expert knowledge to gather facts, research and analyze the data, and develop conclusions and recommendations.

<u>Certification/Degree:</u> Bachelors Degree & 6 years related experience or Associates Degree & 8 years related experience or High School Diploma or equivalent & 10 years related experience.

#### 32. Scientist

Experience: Must have 6 to 8 years of experience in general scientific disciplines.

<u>Duties:</u> Applies knowledge of and experience with scientific principles and techniques to develop complex analyses and investigations; develops and analyzes scientific solutions; and evaluates technical reports. Performs a variety of complex quantitative and qualitative analyses of data for such purposes as research, validation of prior analysis, quality control and other related purposes involving experimental, theoretical or practical application. Prepares reports based upon results of analysis.

<u>Certification/Degree:</u> Masters Degree & 6 years related experience or Bachelors Degree & 8 years related experience.

#### 33. Statistician/Mathematician

<u>Experience</u>: Must have 2 to 8 years of experience in general statistical and mathematical disciplines.

<u>Duties:</u> Develops practical solutions and resolves problems in areas of customer interest by using knowledge and experience in mathematics. Develops and conducts statistical analyses of measured data. Conducts mathematical and probability analyses into the performance of subsystems, their interfaces and interactions, including complete systems.

<u>Certification/Degree:</u> Masters Degree & 2 years related experience or Bachelors Degree & 4 years related experience.

### 34. Senior Financial Analyst

<u>Experience</u>: Must have 4 to 10 years of experience in general accounting and financial disciplines.

<u>Duties:</u> Applies broad knowledge of accounting and finance principles in the analysis and evaluation of the prior, current and future financial conditions of ongoing and future projects, programs and operations to determine status, performance, expenditures and revenues.

<u>Certification/Degree:</u> Masters Degree & 4 years related experience or Bachelors Degree & 6 years related experience or Associates Degree & 8 years related experience or High School Diploma or equivalent & 20 years related experience.

### 35. Financial Analyst

<u>Experience</u>: Must have 2 to 8 years of experience in general accounting and financial disciplines.

<u>Duties:</u> Applies broad knowledge of accounting and finance principles in the analysis and evaluation of the prior, current and future financial conditions of ongoing and projected projects, programs and operations to determine status, performance, expenditures and revenue.

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<u>Certification/Degree:</u> Masters Degree & 2 years related experience or Bachelors Degree & 4 years related experience or Associates Degree & 6 years related experience or High School Diploma or equivalent & 20 years related experience.

# 36. Support - General

<u>Experience</u>: Must have 0 to 4 years of experience in general technical support disciplines.

<u>Duties:</u> Applies standard and unique practices and techniques in technical disciplines, while providing support for ongoing manufacturing, engineering, testing, and related technical projects and programs.

<u>Certification/Degree:</u> Bachelors Degree & 0 years related experience or Associates Degree & 2 years related experience or High School Diploma or equivalent & 4 years related experience.

# 37. Support - Trades

<u>Experience:</u> Must have 6 to 8 years of experience in general technical support disciplines.

<u>Duties:</u> Applies standard practices and techniques in civil, electronic, or mechanical engineering and other technical disciplines in providing support for ongoing manufacturing, engineering, testing, and related technical projects and programs.

<u>Certification/Degree:</u> Associates Degree & 6 years related experience or High School Diploma or equivalent & 8 years related experience.

#### 38. Senior Technician

<u>Experience</u>: Must have 8 to 10 years of experience in general technical support disciplines applicable to systems acquisition and life cycle management support.

<u>Duties:</u> Applies standard and unique practices and techniques in civil, electronic, and mechanical or other technical disciplines in providing support for ongoing manufacturing, engineering, testing, and related life cycle management support functions.

<u>Certification/Degree:</u> Associates Degree & 8 years related experience or High School Diploma or equivalent & 10 years related experience.

### 39. Technician

<u>Experience:</u> Must have 6 to 8 years of experience in general technical support disciplines applicable to systems acquisition and life cycle management support.

<u>Duties:</u> Applies standard and unique practices and techniques in civil, electronic, mechanical and other technical disciplines in providing support for ongoing manufacturing, engineering and related technical projects and programs.

<u>Certification/Degree:</u> Associates Degree & 6 years related experience or High School Diploma or equivalent & 8 years related experience.

#### 40. Junior Technician

<u>Experience:</u> Must have 4 to 6 years of experience in general technical support disciplines applicable to systems acquisition and life cycle management support.

<u>Duties:</u> Applies standard and unique practices and techniques in civil, electronic, mechanical and other technical disciplines in providing support for ongoing manufacturing, engineering and related technical projects and programs.

<u>Certification/Degree:</u> Associates Degree & 4 years related experience or High School Diploma or equivalent & 6 years related experience.

# 41. Senior Trainer

Experience: Must have 4 to 10 years of experience in general training.

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<u>Duties:</u> Plans, coordinates, organizes and conducts training and educational programs for a variety of applications. Researches and analyzes various technical publications and documents to obtain necessary information for preparation of training session curriculum and lesson guides.

<u>Certification/Degree:</u> Masters Degree & 4 years related experience or Bachelors Degree & 6 years related experience or Associates Degree & 8 years related experience.

#### 42. Trainer

Experience: Must have 2 to 8 years of experience in general technical training.

<u>Duties:</u> Plans, coordinates, organizes and conducts training and educational programs for a variety of applications. Develops training session plans, lesson guides and training aids. Writes training manuals. Prepares instructional guides, examinations, troubleshooting techniques and other training session support materials.

<u>Certification/Degree:</u> Masters Degree & 2 years related experience or Bachelors Degree & 4 years related experience or Associates Degree & 6 years related experience.

#### 43. Senior Technical Writer

<u>Experience:</u> Must have 6 to 10 years of writing experience for engineering and related technical disciplines.

<u>Duties:</u> Develops, writes and edits material for reports, manuals, briefs, instruction manuals, catalogs and other technical publications concerned with engineering or related technical disciplines. Organizes material and performs writing assignments according to specifications regarding order, clarity, conciseness, style and terminology. Writes technical descriptions using knowledge of material standards, industrial processes and operating procedures. Reviews published materials and recommends revisions or changes in scope, format, content, and methods of reproduction and binding. Selects or creates photographs, drawings, sketches, diagrams or charts to illustrate materials or sequences.

<u>Certification/Degree:</u> Bachelors Degree & 6 years related experience or Associates Degree & 8 years related experience or High School Diploma or equivalent & 10 years related experience.

### 44. Writer

<u>Experience:</u> Must have 4 to 8 years of writing experience for engineering and related technical disciplines.

<u>Duties:</u> Develops, writes and edits material for reports, manuals, briefs, instruction manuals, catalogs and other technical publications concerned with engineering or related technical disciplines. Reviews journals, reports and similar material to become familiar with product or process terminology. Reviews manufacturers' and trade catalogs, drawings and other data relative to operation, maintenance, testing and service of equipment. Studies blueprints, sketches, drawings, parts lists, specifications, mockups. <a href="Maintenance-equipment-equipme

# 45. Senior Management Technical Staff 4

<u>Experience</u>: Must have 25 years experience - eight years of which must be experience in managing multiple concurrent task and projects.

<u>Duties:</u> Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer, formulates and enforces work standards, develops schedules, reviews work plans and communicates policies, purposes and goals of the organization, and manages funds and resources.

<u>Certification/Degree:</u> Masters Degree in Engineering, Physical Sciences, Math,

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Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum requirements experience may substitute for one year of college.

# 46. Senior Management Technical Staff 3

<u>Experience</u>: Must have 25 years experience - eight years of which must be experience in managing multiple concurrent task and projects.

<u>Duties:</u> Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer, formulates and enforces work standards, develops schedules, reviews work plans and communicates policies, purposes and goals of the organization, and manages funds and resources.

<u>Certification/Degree:</u> Masters Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum requirements experience may substitute for one year of college.

# 47. Senior Management Technical Staff 2

<u>Experience</u>: Must have 25 years experience - eight years of which must be experience in managing multiple concurrent task and projects.

<u>Duties:</u> Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer, formulates and enforces work standards, develops schedules, reviews work plans and communicates policies, purposes and goals of the organization, and manages funds and resources.

<u>Certification/Degree:</u> Masters Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum requirements experience may substitute for one year of college.

# 48. Senior Management Technical Staff 1

<u>Experience</u>: Must have 25 years experience - eight years of which must be experience in managing multiple concurrent task and projects.

<u>Duties:</u> Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer, formulates and enforces work standards, develops schedules, reviews work plans and communicates policies, purposes and goals of the organization, and manages funds and resources.

<u>Certification/Degree:</u> Masters Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum requirements experience may substitute for one year of college.

### 49. Engineer 9

Experience: Must have 25 years experience. Requires demonstrated successful performance of lead responsibility for major tasks. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.

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<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 50. Engineer 8

<u>Experience:</u> Must have 16 years experience. Requires demonstrated successful performance of lead responsibility for major tasks. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 51. Engineer 7

<u>Experience</u>: Must have 12 years experience. Requires demonstrated successful performance of lead responsibility for major tasks. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 52. Engineer 6

<u>Experience:</u> Must have 10 years experience. Requires demonstrated successful performance of lead responsibility for major tasks. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each

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additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 53. Engineer 5

<u>Experience:</u> Must have 8 years experience. Requires demonstrated successful performance of lead responsibility for major tasks. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 54. Engineer 4

<u>Experience:</u> Must have 6 years experience. Requires demonstrated successful performance of lead responsibility for major tasks. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

#### 55. Engineer 3

Experience: Must have 4 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience. <a href="Duties:">Duties:</a> Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 56. Engineer 2

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Experience: Must have 2 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

Duties: Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 57. Engineer 1

Experience: No experience required. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

Duties: Works under the direction of a senior-related position. Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.

Certification/Degree: Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 58. Analyst 9

Experience: Must have 25 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

Duties: Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include; analysis, design, development, testing, integration, logistics, program management, cost, financial, or management analysis, or maintenance of systems, processes, programs, offices or products.

Certification/Degree: Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 59. Analyst 8

Experience: Must have 16 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

Duties: Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include; analysis, design, development, testing, integration, logistics, program management, cost, financial, or management analysis, or maintenance of systems, processes, programs, offices or products.

Certification/Degree: Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional

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year and a half of experience above minimum experience requirements may substitute for one year of college.

# 60. Analyst 7

<u>Experience:</u> Must have 12 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include; analysis, design, development, testing, integration, logistics, program management, cost, financial, or management analysis, or maintenance of systems, processes, programs, offices or products.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 61. Analyst 5

<u>Experience:</u> Must have 8 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include; analysis, design, development, testing, integration, logistics, program management, cost, financial, or management analysis, or maintenance of systems, processes, programs, offices or products.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 62. Analyst 3

<u>Experience</u>: Must have 4 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include; analysis, design, development, testing, integration, logistics, program management, cost, financial, or management analysis, or maintenance of systems, processes, programs, offices or products.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 63. Analyst 2

<u>Experience:</u> Must have 2 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include; analysis, design, development, testing, integration, logistics, program management, cost, financial, or management analysis, or maintenance of systems, processes, programs, offices or products.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional

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year and a half of experience above minimum experience requirements may substitute for one year of college.

# 64. Analyst 1

<u>Experience</u>: No experience required. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Works under the direction of a senior-related position. Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include; analysis, design, development, testing, integration, logistics, program management, cost, financial, or management analysis, or maintenance of systems, processes, programs, offices or products.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

#### 65. Programmer 4

<u>Experience</u>: Must have 12 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Designs, develops, implements, tests, maintains, operates, and/or documents computer programs and systems. Other duties may include design, development, and/or implementation of databases with respect to access methods, access time, and device allocation, as well as maintenance of database files and monitoring of standards and procedures.

<u>Certification/Degree:</u> Bachelor's Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

### 66. Programmer 3

<u>Experience:</u> Must have 8 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Designs, develops, implements, tests, maintains, operates, and/or documents computer programs and systems. Other duties may include design, development, and/or implementation of databases with respect to access methods, access time, and device allocation, as well as maintenance of database files and monitoring of standards and procedures.

<u>Certification/Degree:</u> Bachelor's Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

### 67. Programmer 2

<u>Experience:</u> Must have 4 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Designs, develops, implements, tests, maintains, operates, and/or documents computer programs and systems. Other duties may include design, development, and/or implementation of databases with respect to access methods, access time, and device allocation, as well as maintenance of database files and monitoring of standards and procedures.

<u>Certification/Degree:</u> Bachelor's Degree in Engineering, Physical Sciences, Math,

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Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

# 68. Programmer 1

<u>Experience:</u> No experience required. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Support role working under supervision. Designs, develops, implements, tests, maintains, operates, and/or documents computer programs and systems. Other duties may include design, development, and/or implementation of databases with respect to access methods, access time, and device allocation, as well as maintenance of database files and monitoring of standards and procedures.

<u>Certification/Degree:</u> Bachelor's Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field. Each additional year and a half of experience above minimum experience requirements may substitute for one year of college.

#### 69. Business Consultant 5

<u>Experience:</u> Must have 18 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> May include any of the following: competitive sourcing, outsourcing methodologies, value chain analysis, strategic planning, process improvement methodologies, change enablement and management, site-selection, and consolidation of operations. Other duties may include development of training curriculum to meet the unique needs of a particular customer's requirements, facilitate working groups and sessions, design schedules, conduct analyses, develop models, write reports, prepare presentations, present results, perform data collection, and data reduction/consolidation requirements. Serves as a senior advisor/analyst to customer's executive management team in a variety of capacities and is recognized as an industry expert. May serve as the project lead for either a contract or task. May serve as the primary customer point of contact for an activity.

<u>Certification/Degree:</u> Masters Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field plus 18 years' experience.

#### 70. Business Consultant 4

<u>Experience:</u> Must have 14 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> May include any of the following: competitive sourcing, outsourcing methodologies, value chain analysis, strategic planning, process improvement methodologies, change enablement and management, site-selection, and consolidation of operations. Other duties may include development of training curriculum to meet the unique needs of a particular customer's requirements, facilitate working groups and sessions, design schedules, conduct analyses, develop models, write reports, prepare presentations, present results, perform data collection, and data reduction/consolidation requirements. Serves as a senior advisor/analyst to customer's executive management team in a variety of capacities. May serve as the project lead for either a contract or task. May serve as the primary customer point of contact for an activity.

<u>Certification/Degree:</u> Masters Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field plus 14 years' experience.

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### 71. Business Consultant 3

<u>Experience:</u> Must have 10 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> May include any of the following: competitive sourcing, outsourcing methodologies, value chain analysis, strategic planning, process improvement methodologies, change enablement and management, site-selection, and consolidation of operations. Other duties may include development of training curriculum to meet the unique needs of a particular customer's requirements, facilitate working groups and sessions, design schedules, conduct analyses, develop models, write reports, prepare presentations, present results, perform data collection, and data reduction/consolidation requirements. Manages tasks or contracts for a single customer and is responsible for technical, management, and cost performance. Performs work in a variety of operational areas or in a single consulting area.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field plus 10 years' experience.

#### 72. Business Consultant 2

<u>Experience</u>: Must have 6 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> May include any of the following: competitive sourcing, outsourcing methodologies, value chain analysis, strategic planning, process improvement methodologies, change enablement and management, site-selection, and consolidation of operations. Other duties may include development of training curriculum to meet the unique needs of a particular customer's requirements, facilitate working groups and sessions, design schedules, conduct analyses, develop models, write reports, prepare presentations, present results, perform data collection, and data reduction/consolidation requirements. Supports tasks for one or multiple customers. May lead a specific task in support of a particular customer.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field plus 6 years' experience.

#### 73. Business Consultant 1

<u>Experience</u>: Must have 4 years experience. Each year (27 semester hours or equivalent quarter hours) of college above the minimum education requirements from an accredited institution may substitute for one year of experience.

<u>Duties:</u> Support role working under supervision. May include any of the following: competitive sourcing, outsourcing methodologies, value chain analysis, strategic planning, process improvement methodologies, change enablement and management, site-selection, and consolidation of operations. Other duties may include development of training curriculum to meet the unique needs of a particular customer's requirements, facilitate working groups and sessions, design schedules, conduct analyses, develop models, write reports, prepare presentations, present results, perform data collection, and data reduction/consolidation requirements.

<u>Certification/Degree:</u> Bachelors Degree in Engineering, Physical Sciences, Math, Management Information Systems, CS, Business, or other relevant field plus 4 years' experience.

### 74. Technician 4

<u>Experience</u>: Must have 15 years experience. Each year (24 semester hours/30 quarter hours) of college may substitute for one year of experience.

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<u>Duties:</u> Provides technical support to the senior management, engineers, scientists, analysts, programmers, and consultants working in such areas as research, design, development, program management, logistics, analysis, monitoring or testing. Certification/Degree: HS Diploma or GED

# 75. Technician 3

<u>Experience:</u> Must have 10 years experience. Each year (24 semester hours/30 quarter hours) of college may substitute for one year of experience.

<u>Duties:</u> Provides technical support to the senior management, engineers, scientists, analysts, programmers, and consultants working in such areas as research, design, development, program management, logistics, analysis, monitoring or testing. Certification/Degree: HS Diploma or GED

### 76. Technician 2

<u>Experience</u>: Must have 5 years experience. Each year (24 semester hours/30 quarter hours) of college may substitute for one year of experience.

<u>Duties:</u> Provides technical support to the senior management, engineers, scientists, analysts, programmers, and consultants working in such areas as research, design, development, program management, logistics, analysis, monitoring or testing. Candidate works under supervision.

Certification/Degree: HS Diploma or GED

#### 77. Technician 1

<u>Experience</u>: No experience required. Each year (24 semester hours/30 quarter hours) of college may substitute for one year of experience.

<u>Duties:</u> Provides technical support to the senior management, engineers, scientists, analysts, programmers, and consultants working in such areas as research, design, development, program management, logistics, analysis, monitoring or testing. Candidate works under close supervision.

Certification/Degree: HS Diploma or GED

# 78. Typist/Secretary 4

Experience: Must have 15 years experience.

<u>Duties:</u> Performs diverse administrative duties. Initiates special reports, composes routine correspondence, and compiles statistical and budget information. Must be able to communicate with all levels of company personnel to gather and convey information. <u>Certification/Degree:</u> HS Diploma or GED

### 79. Typist/Secretary 3

Experience: Must have 10 years experience.

<u>Duties:</u> Performs diverse administrative duties. Initiates special reports, composes routine correspondence, and compiles statistical and budget information. Must be able to communicate with all levels of company personnel to gather and convey information. Certification/Degree: HS Diploma or GED

# 80. Typist/Secretary 2

Experience: Must have 4 years experience.

<u>Duties:</u> Performs diverse administrative duties. Initiates special reports, composes routine correspondence, and compiles statistical and budget information. Must be able to communicate with all levels of company personnel to gather and convey information. <u>Certification/Degree:</u> HS Diploma or GED

# 81. Typist/Secretary 1

Experience: No experience required.

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<u>Duties:</u> Performs diverse administrative duties. Initiates special reports, composes routine correspondence, and compiles statistical and budget information. Must be able to communicate with all levels of company personnel to gather and convey information. <u>Certification/Degree:</u> HS Diploma or GED

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# **Contractor Site Labor Category Hourly Rates**

SINs: 871-1, 871-2, 871-3, 871-	Option 3 Hourly Prices - Contractor Site				
4, 871-5 and 871-6 including	Year 16	Year 17	Year 18	Year 19	Year 20
RC (Recovery Contracting)	10/1/2014	10/1/2015	10/1/2016	10/1/2017	10/1/2018
SINs	to	to	to	to	to
Labor Categories	9/30/2015	9/30/2016	9/30/2017	9/20/2018	9/30/2019
Administrative	\$49.54	\$50.78	\$52.05	\$53.35	\$54.68
Sr. Documentation Specialist	\$88.64	\$90.86	\$93.13	\$95.46	\$97.84
Documentation Specialist	\$55.50	\$56.89	\$58.31	\$59.77	\$61.26
Illustrator	\$52.15	\$53.45	\$54.79	\$56.16	\$57.56
Sr. Eng. And Technical Analyst	\$107.53	\$110.22	\$112.97	\$115.80	\$118.69
Eng and Technical Analyst	\$97.49	\$99.93	\$102.43	\$104.99	\$107.61
Jr. Eng and Technical Analyst	\$69.21	\$70.94	\$72.71	\$74.53	\$76.39
Sr. Drafter	\$59.81	\$61.31	\$62.84	\$64.41	\$66.02
Drafter	\$41.75	\$42.79	\$43.86	\$44.96	\$46.08
Sr. Programmer/Programmer			,		
Analyst	\$120.19	\$123.19	\$126.27	\$129.43	\$132.67
Programmer/Programmer Analyst	\$88.93	\$91.15	\$93.43	\$95.77	\$98.16
Field Engineer	\$96.77	\$99.19	\$101.67	\$104.21	\$106.82
Jr. Field Engineer	\$65.93	\$67.58	\$69.27	\$71.00	\$72.77
Principal Systems Analyst	\$132.05	\$135.35	\$138.74	\$142.20	\$145.76
Sr. Systems Analyst	\$107.53	\$110.22	\$112.97	\$115.80	\$118.69
Information Specialist	\$67.05	\$68.73	\$70.44	\$72.21	\$74.01
Sr. Logistics Eng and Tech Specialist	\$106.44	\$109.10	\$111.83	\$114.62	\$117.49
Logistics Eng and Tech Specialist	\$88.90	\$91.12	\$93.40	\$95.74	\$98.13
Jr. Logistics Eng and Tech Specialist	\$61.05	\$62.58	\$64.14	\$65.74	\$67.39
Mat'l Mgmt Engineer and Tech Specialist	\$80.89	\$82.91	\$84.99	\$87.11	\$89.29
Sr. Operations Reasearch	+	40-101	<b>4</b> 0 1100	¥3	¥33.23
Specialist	\$145.12	\$148.75	\$152.47	\$156.28	\$160.19
Operations Research Specialist	\$132.05	\$135.35	\$138.74	\$142.20	\$145.76
Sr. Program Analyst	\$120.19	\$123.19	\$126.27	\$129.43	\$132.67
Program Analyst	\$88.64	\$90.86	\$93.13	\$95.46	\$97.84
Project Manager	\$131.63	\$134.92	\$138.29	\$141.75	\$145.29
Program Manager	\$161.93	\$165.98	\$170.13	\$174.38	\$178.74
Sr. Consultant	\$291.62	\$298.91	\$306.38	\$314.04	\$321.89
Consultant	\$176.72	\$181.14	\$185.67	\$190.31	\$195.07
Subject Matter Expert (Lvl III)	\$184.80	\$189.42	\$194.16	\$199.01	\$203.98
Subject Matter Expert (Lvl II)	\$145.98	\$149.63	\$153.37	\$157.20	\$161.13
Subject Matter Expert (LvI I)	\$131.63	\$134.92	\$138.29	\$141.75	\$145.29
Scientist	\$132.05	\$135.35	\$138.74	\$142.20	\$145.76
Statistician/Mathematician	\$107.26	\$109.94	\$112.69	\$115.51	\$118.39
Sr. Financial Analyst	\$97.49	\$99.93	\$102.43	\$104.99	\$107.61

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Financial Analyst	\$79.82	\$81.82	\$83.86	\$85.96	\$88.11
Support-General	\$59.81	\$61.31	\$62.84	\$64.41	\$66.02
Support-Trades	\$65.93	\$67.58	\$69.27	\$71.00	\$72.77
Sr. Technician	\$79.92	\$81.92	\$83.97	\$86.07	\$88.22
Technician	\$65.93	\$67.58	\$69.27	\$71.00	\$72.77
Jr. Technician	\$59.81	\$61.31	\$62.84	\$64.41	\$66.02
Sr. Trainer	\$106.44	\$109.10	\$111.83	\$114.62	\$117.49
Trainer	\$73.09	\$74.92	\$76.79	\$78.71	\$80.68
Sr. Writer	\$96.77	\$99.19	\$101.67	\$104.21	\$106.82
Writer	\$69.21	\$70.94	\$72.71	\$74.53	\$76.39
Sr. Mgmt. Technical Staff 4	\$297.35	\$304.78	\$312.40	\$320.21	\$328.22
Sr. Mgmt. Technical Staff 3	\$228.74	\$234.46	\$240.32	\$246.33	\$252.49
Sr. Mgmt. Technical Staff 2	\$193.86	\$198.71	\$203.67	\$208.77	\$213.99
Sr. Mgmt. Technical Staff 1	\$157.17	\$161.10	\$165.13	\$169.25	\$173.49
Engineer 9	\$186.28	\$190.94	\$195.71	\$200.60	\$205.62
Engineer 8	\$169.63	\$173.87	\$178.22	\$182.67	\$187.24
Engineer 7	\$140.45	\$143.96	\$147.56	\$151.25	\$155.03
Engineer 6	\$132.16	\$135.46	\$138.85	\$142.32	\$145.88
Engineer 5	\$123.88	\$126.98	\$130.15	\$133.41	\$136.74
Engineer 4	\$106.24	\$108.90	\$111.62	\$114.41	\$117.27
Engineer 3	\$88.55	\$90.76	\$93.03	\$95.36	\$97.74
Engineer 2	\$86.17	\$88.32	\$90.53	\$92.80	\$95.12
Engineer 1	\$64.82	\$66.44	\$68.10	\$69.80	\$71.55
Analyst 9	\$175.13	\$179.51	\$184.00	\$188.60	\$193.31
Analyst 8	\$159.02	\$163.00	\$167.07	\$171.25	\$175.53
Analyst 7	\$144.05	\$147.65	\$151.34	\$155.13	\$159.00
Analyst 5	\$123.88	\$126.98	\$130.15	\$133.41	\$136.74
Analyst 3	\$96.92	\$99.34	\$101.83	\$104.37	\$106.98
Analyst 2	\$79.55	\$81.54	\$83.58	\$85.67	\$87.81
Analyst 1	\$68.15	\$69.85	\$71.60	\$73.39	\$75.22
Programmer 4	\$123.88	\$126.98	\$130.15	\$133.41	\$136.74
Programmer 3	\$103.10	\$105.68	\$108.32	\$111.03	\$113.80
Programmer 2	\$76.37	\$78.28	\$80.24	\$82.24	\$84.30
Programmer 1	\$58.19	\$59.64	\$61.14	\$62.66	\$64.23
Technician 4	\$102.67	\$105.24	\$107.87	\$110.56	\$113.33
Technician 3	\$87.39	\$89.57	\$91.81	\$94.11	\$96.46
Technician 2	\$65.68	\$67.32	\$69.01	\$70.73	\$72.50
Technician 1	\$55.15	\$56.53	\$57.94	\$59.39	\$60.88
Typist/Secretary 4	\$66.74	\$68.41	\$70.12	\$71.87	\$73.67
Typist/Secretary 3	\$59.07	\$60.55	\$62.06	\$63.61	\$65.20
Typist/Secretary 2	\$51.32	\$52.60	\$53.92	\$55.27	\$56.65
Typist/Secretary 1	\$46.59	\$47.75	\$48.95	\$50.17	\$51.43
Business Consultant 5	\$363.17	\$372.25	\$381.56	\$391.09	\$400.87
Business Consultant 4	\$279.55	\$286.54	\$293.70	\$301.04	\$308.57

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Business Consultant 3	\$223.49	\$229.08	\$234.80	\$240.67	\$246.69
Business Consultant 2	\$167.78	\$171.97	\$176.27	\$180.68	\$185.20
Business Consultant 1	\$111.76	\$114.55	\$117.42	\$120.35	\$123.36

# **Government Site Labor Category Hourly Rates**

SINs: 871-1, 871-2, 871-3, 871-	Option 3 Hourly Prices - Government Site				
4, 871-5 and 871-6 including	Year 16	Year 17	Year 18	Year 19	Year 20
RC (Recovery Contracting)	10/1/2014	10/1/2015	10/1/2016	10/1/2017	10/1/2018
SINs	to	to	to	to	to
Labor Categories	9/30/2015	9/30/2016	9/30/2017	9/20/2018	9/30/2019
Administrative	\$40.58	\$41.59	\$42.63	\$43.70	\$44.79
Sr. Documentation Specialist	\$72.48	\$74.29	\$76.15	\$78.05	\$80.00
Documentation Specialist	\$45.56	\$46.70	\$47.87	\$49.06	\$50.29
Illustrator	\$42.80	\$43.87	\$44.97	\$46.09	\$47.24
Sr. Eng. And Technical Analyst	\$88.18	\$90.38	\$92.64	\$94.96	\$97.33
Eng and Technical Analyst	\$79.69	\$81.68	\$83.72	\$85.82	\$87.96
Jr. Eng and Technical Analyst	\$56.65	\$58.07	\$59.52	\$61.01	\$62.53
Sr. Drafter	\$49.03	\$50.26	\$51.51	\$52.80	\$54.12
Drafter	\$34.29	\$35.15	\$36.03	\$36.93	\$37.85
Sr. Programmer/Programmer Analyst	\$98.12	\$100.57	\$103.09	\$105.66	\$108.31
Programmer/Programmer Analyst	\$72.66	\$74.48	\$76.34	\$78.25	\$80.20
Field Engineer	\$79.30	\$81.28	\$83.31	\$85.40	\$87.53
Jr. Field Engineer	\$53.92	\$55.27	\$56.65	\$58.07	\$59.52
Principal Systems Analyst	\$108.48	\$111.19	\$113.97	\$116.82	\$119.74
Sr. Systems Analyst	\$88.18	\$90.38	\$92.64	\$94.96	\$97.33
Information Specialist	\$54.93	\$56.30	\$57.71	\$59.15	\$60.63
Sr. Logistics Eng and Tech Specialist	\$87.01	\$89.19	\$91.41	\$93.70	\$96.04
Logistics Eng and Tech Specialist	\$72.66	\$74.48	\$76.34	\$78.25	\$80.20
Jr. Logistics Eng and Tech Specialist	\$50.13	\$51.38	\$52.67	\$53.98	\$55.33
Mat'l Mgmt Engineer and Tech Specialist	\$66.27	\$67.93	\$69.62	\$71.37	\$73.15
Sr. Operations Reasearch Specialist	\$118.81	\$121.78	\$124.82	\$127.95	\$131.14
Operations Research Specialist	\$108.48	\$111.19	\$113.97	\$116.82	\$119.74
Sr. Program Analyst	\$98.12	\$100.57	\$103.09	\$105.66	\$108.31
Program Analyst	\$72.48	\$74.29	\$76.15	\$78.05	\$80.00
Project Manager	\$108.05	\$110.75	\$113.52	\$116.36	\$119.27
Program Manager	\$132.43	\$135.74	\$139.13	\$142.61	\$146.18
Sr. Consultant	\$228.87	\$234.59	\$240.46	\$246.47	\$252.63
Consultant	\$144.75	\$148.37	\$152.08	\$155.88	\$159.78
Subject Matter Expert (Lvl III)	\$151.37	\$155.15	\$159.03	\$163.01	\$167.08
Subject Matter Expert (Lvl II)	\$119.96	\$122.96	\$126.03	\$129.18	\$132.41

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Subject Matter Expert (Lvl I)	\$108.05	\$110.75	\$113.52	\$116.36	\$119.27
Scientist	\$108.48	\$111.19	\$113.97	\$116.82	\$119.74
Statistician/Mathematician	\$87.87	\$90.07	\$92.32	\$94.63	\$96.99
Sr. Financial Analyst	\$79.69	\$81.68	\$83.72	\$85.82	\$87.96
Financial Analyst	\$65.41	\$67.05	\$68.72	\$70.44	\$72.20
Support-General	\$49.03	\$50.26	\$51.51	\$52.80	\$54.12
Support-Trades	\$53.92	\$55.27	\$56.65	\$58.07	\$59.52
Sr. Technician	\$65.41	\$67.05	\$68.72	\$70.44	\$72.20
Technician	\$53.92	\$55.27	\$56.65	\$58.07	\$59.52
Jr. Technician	\$49.03	\$50.26	\$51.51	\$52.80	\$54.12
Sr. Trainer	\$87.01	\$89.19	\$91.41	\$93.70	\$96.04
Trainer	\$59.99	\$61.49	\$63.03	\$64.60	\$66.22
Sr. Writer	\$79.30	\$81.28	\$83.31	\$85.40	\$87.53
Writer	\$56.65	\$58.07	\$59.52	\$61.01	\$62.53
Sr. Mgmt. Technical Staff 4	\$297.35	\$304.78	\$312.40	\$320.21	\$328.22
Sr. Mgmt. Technical Staff 3	\$228.74	\$234.46	\$240.32	\$246.33	\$252.49
Sr. Mgmt. Technical Staff 2	\$193.86	\$198.71	\$203.67	\$208.77	\$213.99
Sr. Mgmt. Technical Staff 1	\$157.17	\$161.10	\$165.13	\$169.25	\$173.49
Engineer 9	\$186.28	\$190.94	\$195.71	\$200.60	\$205.62
Engineer 8	\$169.63	\$173.87	\$178.22	\$182.67	\$187.24
Engineer 7	\$140.45	\$143.96	\$147.56	\$151.25	\$155.03
Engineer 6	\$132.16	\$135.46	\$138.85	\$142.32	\$145.88
Engineer 5	\$123.88	\$126.98	\$130.15	\$133.41	\$136.74
Engineer 4	\$106.24	\$108.90	\$111.62	\$114.41	\$117.27
Engineer 3	\$88.55	\$90.76	\$93.03	\$95.36	\$97.74
Engineer 2	\$86.17	\$88.32	\$90.53	\$92.80	\$95.12
Engineer 1	\$64.82	\$66.44	\$68.10	\$69.80	\$71.55
Analyst 9	\$175.13	\$179.51	\$184.00	\$188.60	\$193.31
Analyst 8	\$159.02	\$163.00	\$167.07	\$171.25	\$175.53
Analyst 7	\$144.05	\$147.65	\$151.34	\$155.13	\$159.00
Analyst 5	\$123.88	\$126.98	\$130.15	\$133.41	\$136.74
Analyst 3	\$96.92	\$99.34	\$101.83	\$104.37	\$106.98
Analyst 2	\$79.55	\$81.54	\$83.58	\$85.67	\$87.81
Analyst 1	\$68.15	\$69.85	\$71.60	\$73.39	\$75.22
Programmer 4	\$123.88	\$126.98	\$130.15	\$133.41	\$136.74
Programmer 3	\$103.10	\$105.68	\$108.32	\$111.03	\$113.80
Programmer 2	\$76.37	\$78.28	\$80.24	\$82.24	\$84.30
Programmer 1	\$58.19	\$59.64	\$61.14	\$62.66	\$64.23
Technician 4	\$102.67	\$105.24	\$107.87	\$110.56	\$113.33
Technician 3	\$87.39	\$89.57	\$91.81	\$94.11	\$96.46
Technician 2	\$65.68	\$67.32	\$69.01	\$70.73	\$72.50
Technician 1	\$55.15	\$56.53	\$57.94	\$59.39	\$60.88
Typist/Secretary 4	\$66.74	\$68.41	\$70.12	\$71.87	\$73.67
Typist/Secretary 3	\$59.07	\$60.55	\$62.06	\$63.61	\$65.20

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Typist/Secretary 2	\$51.32	\$52.60	\$53.92	\$55.27	\$56.65
Typist/Secretary 1	\$46.59	\$47.75	\$48.95	\$50.17	\$51.43
Business Consultant 5	\$363.17	\$372.25	\$381.56	\$391.09	\$400.87
Business Consultant 4	\$279.55	\$286.54	\$293.70	\$301.04	\$308.57
Business Consultant 3	\$223.49	\$229.08	\$234.80	\$240.67	\$246.69
Business Consultant 2	\$167.78	\$171.97	\$176.27	\$180.68	\$185.20
Business Consultant 1	\$111.76	\$114.55	\$117.42	\$120.35	\$123.36

Note 1: All prices contained herein include an Industrial Funding Fee (IFF) of .75% and annual escalation of 2.5%

**Note 2:** These rates are subject to the FAR economic price adjustment and price reduction clauses and may be revised within the contract period. For rates prior to October 1, 2014, please contact the personnel listed on the cover page.

**Note 3:** The SCA matrix below identifies the labor categories that fall under the requirements of the Service Contract Act:

SCAMATRIX					
SCA Eligible Contract Labor Category	SCA Equivalent Code - Title	WD Number			
Administrative	01020 - Administrative Assistant	05-2103			
Typist/Sec 1, 2, and 3	01020 - Administrative Assistant	05-2103			
Documentation Specialist	13054 - Library IT Systems Administrator	05-2103			
Illustrator	13043 - Illustrator III	05-2103			
Eng. And Technical Analyst	30086 - Engineering Technician VI	05-2103			
Jr. Eng. And Technical Analyst	30081 - Engineering Technician I	05-2103			
Senior Drafter	30064 - Drafter/CAD Operator IV	05-2103			
Drafter	30064 - Drafter/CAD Operator III	05-2103			
Field Engineer	30085 - Engineering Technician V	05-2103			
Jr. Field Engineer	30084 - Engineering Technician IV	05-2103			
Sr. Systems Analyst	14103 - Computer Systems Analyst III	05-2103			
Technician 1	14102 - Computer Systems Analyst II	05-2103			
Programmer 1	14102 - Computer Systems Analyst II	05-2103			
Support-General	01410 - Supply Technician	05-2103			
Support-Trades	23580 - Maintenance Trades Helper	05-2103			
Senior Trainer	15095 - Tech. Instructor/Course Dev.	05-2103			
Trainer	15090 - Tech. Instructor/Course Developer	05-2103			
Senior Writer	30463 - Technical Writer III	05-2103			
Writer	30462 - Technical Writer II	05-2103			

The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the cited SCA labor categories are based on the U.S. Department of Labor WD Number(s) identified in the SCA matrix. The prices offered are based on the preponderance of where work is performed and should the Contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.

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